

Water Conservation Area (WCA) Official Review

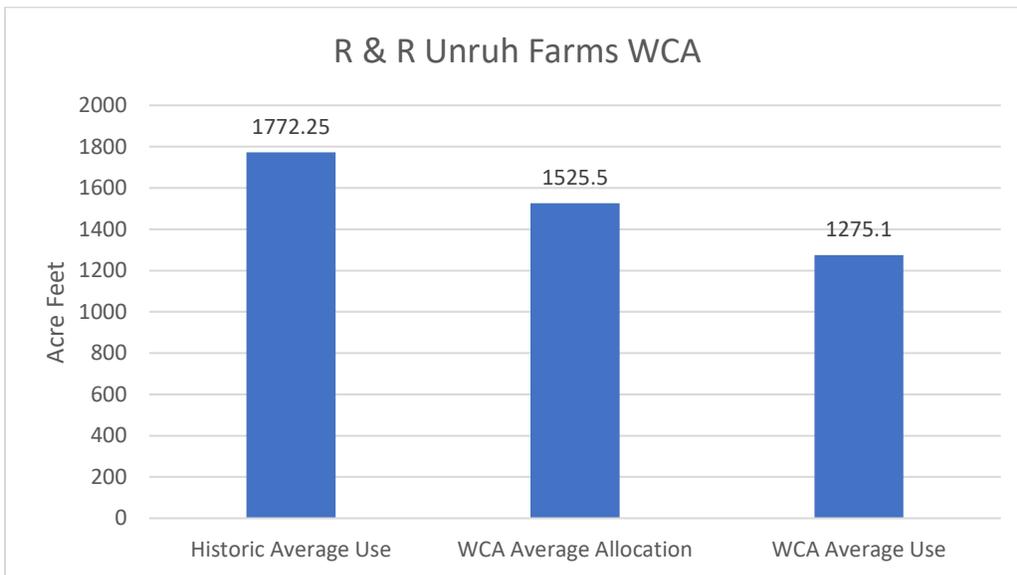
Review of the Consent Agreement and Order Designating a WCA  
 R & R Unruh Farms WCA; Finney and Kearny Counties, KS  
 January 2017 through December 2021

**Review of Total Water Use of Water Rights Enrolled:**

During the term of this WCA, water use was limited to 7622.500 acre-feet (AF) for irrigation use. The total water use reported annually, under the listed water rights, during the term of this WCA are as follows:

| 2017 Water Use (AF) | 2018 Water Use (AF) | 2019 Water Use (AF) | 2020 Water Use (AF) | 2021 Water Use (AF) | Total WCA Use (AF) | Unused WCA Allocation (AF) | Total WCA Limit (AF) |
|---------------------|---------------------|---------------------|---------------------|---------------------|--------------------|----------------------------|----------------------|
| 965.699             | 1282                | 1168.44             | 1455.23             | 1504.14             | 6375.509           | 1246.991                   | 7622.5               |

The total average use during this WCA was 1275.10 acre-feet.



**Review of Corrective Control Provisions:**

This WCA had nine irrigation wells within its geographic boundaries which were used for irrigation purposes. No flexibilities were requested except for a multi-year allocation.

As of the end of the 2021 calendar year, no adverse impacts have been noted and no concerns were received from nearby well/landowners.

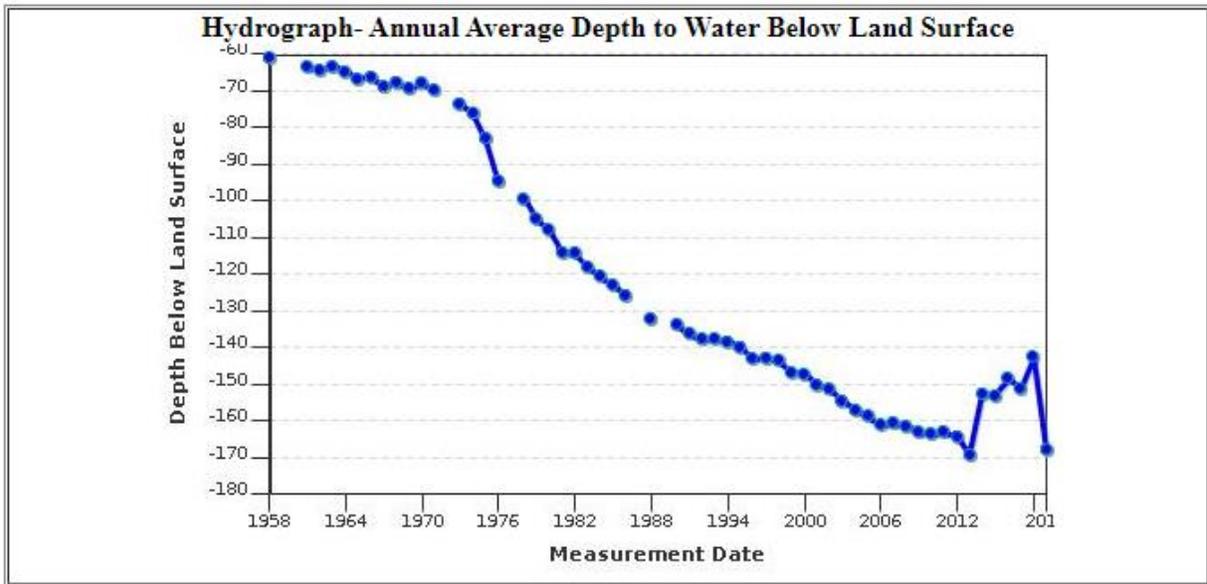
***Review of Compliance Monitoring and Enforcement:***

During the period of this WCA, there were no compliance or enforcement issues relating to the water rights and corrective controls of the management plan.

***Review of Water Level Changes:***

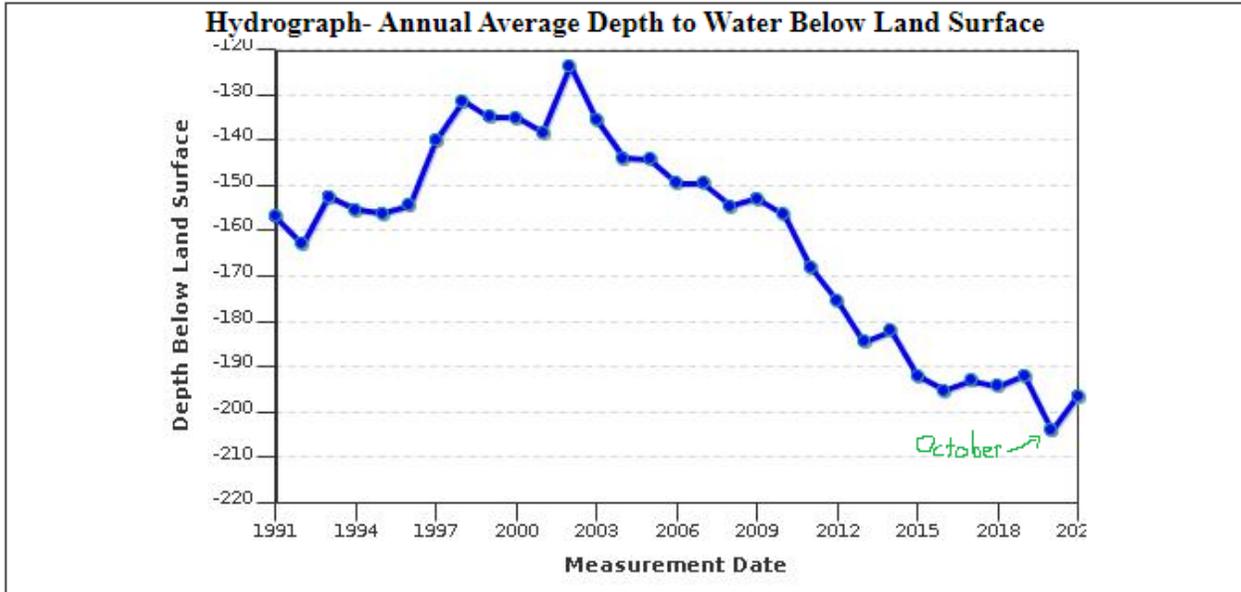
Below are the nearby observation wells documented in the management plan. Note that the measurements were taken in the early calendar year months. Outliers measured outside of this time range are labeled with the month they were measured.

Location:  
22-32W-21CDC



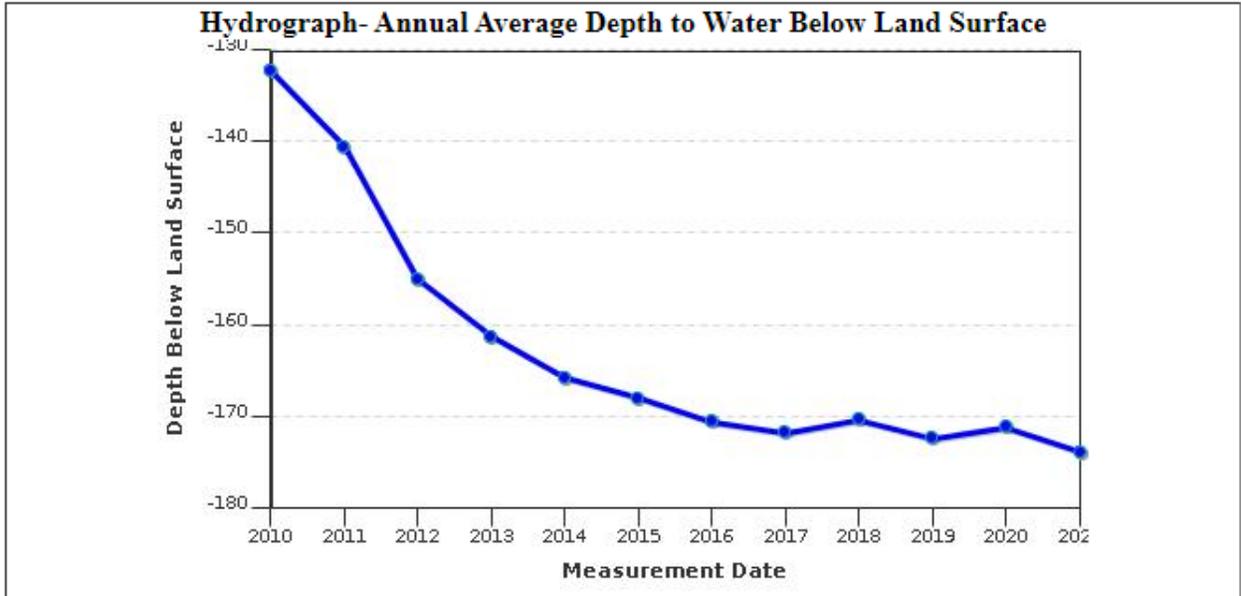
Location:

23S-35W-12CCC



Location:

23S-33W-26ABB



***Review of Economic Impacts:***

No official economic reports on this WCA have been published at this time.

***Review of Public Interest:***

The WCA has conserved water, thereby extending the useable life of the Ogallala Aquifer in the regional area and serving the public interest.

***Summary of Review by KDA-DWR:***

It is determined that this WCA has met its goals throughout the designated term. This WCA conserved almost 20% of its WCA allocation; thereby saving water beyond the agreed original WCA goal. The owners of this WCA met all requirements of the WCA Consent Agreement and Order. In summary, we see no need to deny a request, from the owner(s), should they request a future WCA.